Evaluation Report
G# 10865, A/N 6582
USA Station #861
454 Apine Way
El Sobrante, CA 94803

CRMS Architects on behalf of USA Station #861 has submitted this application to construct a new gas station and increase the throughput limit at G10865. Proposed equipment consists of 3-underground tanks, 1-15K for 87 Octane, 1-12K for 91 Octane and 1-12K for diesel. 2-point phil-tite phase-I, Healy/Franklin 800 phase-II, and 5-Gilbarco dispensers with 10 triple product gasoline nozzles and 4 diesel nozzles.

A risk screen performed for this application indicates that 8.60 million-gal/yr. throughput is acceptable under the District's Risk Management Policy. Accordingly, this station will now be conditioned to **8.60 million gal/yr.** pursuant to condition ID #18924.

The station is within 1000 feet of El Sobrante Christian School, Bethel Christian Academy School, Murphy Elementary School and El Sobrante Junior High School triggering the public notice requirements of the Water Bill. There are no other schools within ¼ mile of this station. From all the above schools only El Sobrante Christian School and El Sobrante Christian Junior High School submitted the mailing labels.

Before this throughput increase can be approved, a 30-day public comment period will be held. Notice describing the project and announcing the public comment period will be mailed to the parents of students attending the above schools and people living within 1000 feet of the station. The coast of preparing and distributing this notice will be borne by the applicant.

VOC Emission Calculations

Increase:
8.60 million gal/yr x 1.27 #VOC/1000 gal = 10,922 #/yr
= **29.92 #/day**

Total emissions:
8.60 million gal/yr x 1.27 #VOC/1000 gal = 10,922 #/yr
= **29.92 #/day**

New Source Review

This station has the potential to emit more than 10# of VOC in a single day, triggering the BACT requirements of Regulation 2-2-301.

BACT for GDFs is considered the use of CARB-certified Phase I and Phase II vapor recovery equipment. State law prohibits the District from requiring vapor recovery equipment that is not-CARB certified.

Emissions from this station will remain less than 15 tpd. Per Regulation 2-2-302, offsets are not required.

TBACT

The increased risk from this project exceeds 1 per million, triggering the use of TBACT equipment. TBACT for GDFs is considered the use of CARB-certified Phase I and Phase II vapor recovery equipment. State law prohibits the District from requiring vapor recovery equipment that is not-CARB certified.

Compliance

This station will be equipped with Two-point Phil-Tite Phase I (E O VR-101-B) and Healy 800 Phase II (E O G-70-191-AA) vapor recovery equipment. Both systems are CARB certified, satisfying requirements for BACT and TBACT. This equipment also complies with Sections 8-7-301 and 302.

It is recommend that an amended Authority-To-Construct be granted to this station upon completion of the public comment period.

By: Madhav Patil Air Quality Technician Date: 01/28/03